TRAINING PROGRAM FOR THE MG 3e MACHINE GUN

COMBAT ARMS SCHOOL 1
HAMMELBURG

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01 June 1978

To:
NATO Small Arms
Test Control Commission

- Test Center Hammelburg -

Subject: Training Program for the MG 3e Machine Gun
Reference: Oral Order given by Major Schmidtner, General Army Office/Dept V of 11 April 1978.

1. The Combat Arms School 1 submits the program for the training with the MG 3e machine gun.

2. The program is only intended for use in the training within the TCC; the papers are to be returned after the end of the trials.

3. The "Technical Manual for Machine Gun MG 3e" presented by the Rheinmetall Company is not a military manual or regulation. In case of discrepancies consult the German Army Manual HDv 215/11 "Die Ausbildung mit dem Maschinengewehr 1" (Training with the Machine Gun 1).

By order

A.B. Goblirsch, Major

Goblirsch
Colonel

INDEX MACHINE GUN MG 3e

Identification Number	Subject	Time Requirement (hours) +(N) = Night
09 04 00 01	Description of the weapon and the ammunition Stripping and Assembling Interaction of the components	2
09 04 00 02	Stripping and Assembling Weapon Maintenance and Cleaning	2 + (1N)
09 04 00 03	Handling - Putting it down and Picking it up - Lying down and Standing up - Loading ("Make Safe"), Charging, Unloading, Reporting - Changing the Barrel and the Bolt - Changing the Position of the Bipod	3 + (1N)
09 04 00 04	Malfunctions and Troubleshooting	1 + (1N)
09 04 00 05	Firing Technique with the MG 3e	1
09 04 00 06	Firing the Practice Exercise MG - S - 1	2
no. ID No	Test	2

The Training Guidelines are only intended for one hour of training/instruction. The rest of the time is to be used for repeating and deepening the training also at night and while wearing the NBC protective mask.

TRAINING GUIDELINES

Beispiel für Handzettel

Sheet 1

Identification No				Date
Kenn - Nr.				Stand
09	04	00	01	

1. Ausbildungsthema Subject of the Training:
Description of the Weapon and the Ammunition, Stripping and Assembling the Weapon, Types of Ammunition and their Markings (W) (from the training program for the G 3 rifle)

2. Ausbildungsziel Objective of the Training:
The soldier should be able to strip and assemble the weapon after the instruction. He should know the designations of the main parts and the ancillary equipment and the interaction of the components.

3. Ausbildungsform Type of Training Lessons
Unterricht

4. Ausbildungsverfahren Training Procedure Lessons/Practice

5. Ausbildungsort Training Location Classroom

6. Dienstvorschriften, Anweisungen Manuals, Directives
Technical Manual, P. 1 - 14

7. Ausbildungsmittel Training Materials

8. Zeitbedarf in Minuten	9. Ablauf Conduct	10. Ausbildungsstoff in Abschnitten (möglichst in Stichworten) Subject of the Training in Paragraphs (in keywords, if possible)	11. Ausbildungsteilziel Subobjective of the Training	12. Ausbildungsmittel Hilfspers. Training Aids/Personnel
Time Requirement in minutes 60	INTRODUCTION	The MG 3e is a fully automatic weapon with a high rate of fire. Only bursts can be fired with the MG. Technical Data: Caliber: ..... 7.62 mm Rate of Fire ..... appr. 1,200 rds/min Weight of the weapon ..... 9.75 kg Combat range on Bipod ..... up to 600 m Maximum range ..... appr. 3,500 m		
	MAIN PART 1st INTERMEDIATE OBJECTIVE	Description of the Weapon and the Ammunition, Stripping and Assembling the Weapon; Technical Data, Types of Ammunition and their Markings Designation of the Main Parts and the Ancillary Equipment Give the names of the main parts, point them out when the weapon is assembled and when it is stripped, explain their function and demonstrate the more important facts. Auxiliary Equipment - bipod, sling - blank firing attachment - barrel container with spare barrel - tool pouch with contents - cartridge box, cartridge belt, guide link ("lead-in-piece").	The main parts of the MG are: receiver, barrel, bolt, recoil spring, pistol grip, butt plate, shoulder stock, feed cover	

Kenn-Nr.

8. Zeitbedarf in Minuten Time Required in Minutes	9. Ablauf Conduct	10. Ausbildungsstoff in Abschnitten (möglichst in Stichworten) Subject of the Training (in Paragraphs (in keywords, if possible)	11. Ausbildungsteilziel Subobjective of the Training	12. Ausbildungsmittel Hilfspers. Training Aids/Personnel
		Linking Machine Demonstrate how to fill cartridge belts, have some soldiers practice it.		
	2nd Intermediate Objective	Interaction of the Parts a) "MG unloaded, chamber clear, uncocked (springs eased)" - The bolt is in its foremost position. In this case the safety catch cannot be applied. - The chamber of the barrel is clear. The recoil spring is uncocked (eased) b) "MG loaded (made safe)" - The bolt is in its foremost position. - The belt is inserted, the first cartridge is not quite at the cartridge stop. The cartridge belt is held by the inner belt feed slide. - The safety catch cannot be applied. c) "MG charged (loaded)" - The bolt is held in its rearmost position by the sear. - Push the cocking slide forward until it engages. - The recoil spring is cocked. - Put the safety catch on.		
		Action during the forward movement of the bolt: - The recoil spring pushes the bolt forward - The chambering nose pushes a cartridge from the belt and inserts it into the chamber. - The bolt head locks the bolt and the barrel together with the help of the locking rollers - The firing pin holder with the firing pin is forced forward to the percussion cap; the shot goes off. - The locking rollers are prevented from rebounding by the bolt catch.	After the trigger is pulled, the recoil spring pushes the bolt forward, chambers and ignites a cartridge.	- Put the safety off, pull the trigger - While moving forward the roller pin moves the transport lever and the feeding mechanism. The latter pushes the next cartridge to the right by half the cartridge diameter - At this moment the bolt is securely locked.

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TRAINING GUIDELINES

Beispiel für Handzettel

Sheet 1

Kenn - Nr. ID No.				Stand
09	04	00	02	

1. Ausbildungsthema Subject of the Training:
Stripping and Assembling the Weapon, Maintenance and Cleaning

2. Ausbildungsziel Training Objective:
The soldiers should be able to clean and maintain the machine gun in accordance with the regulations; additionally he should be able to strip and assemble the weapon independently.

3. Ausbildungsform Training Method
Unterricht Lessons

4. Ausbildungsverfahren Training Procedures
Practice

5. Ausbildungsort Location
Barracks compound or Garrison Training Area

6. Dienstvorschriften, Anweisungen Manuals, Directives
Technical Manual, P. 19-46, 55.1 - 59

7. Ausbildungsmittel Training Materials

8. Zeitbedarf in Minuten	9. Ablauf Conduct	10. Ausbildungsstoff in Abschnitten (möglichst in Stichworten) Subject of the training in paras (if possible in keywords)	11. Ausbildungsteilziel Subobjective of the training	12. Ausbildungsmittel Hilfspers. Training aids/personnel
Time Requirement in minutes 60	INTRODUCTION:	For maintaining and cleaning the machine gun it is necessary to strip and assemble the weapon. You must never use force when you are doing this.		
	MAIN PART:	Stripping and assembling the weapon, Maintenance and cleaning - also under battle conditions		
	1st Intermediate Objective:	Stripping and Assembling Sequence of stripping - Check if the chamber is clear and if the bolt is in its foremost position. - Open the cover and remove it, P. 20 - 21. Raise the cover. - Remove the backplate and the buttstock, P. 22- 23. - Remove the bolt, P. 23 - 24. - Remove the cocking slide, P. 24 - 25. - Remove the barrel, P. 25 - 26. - Remove and strip the recoil booster, P. 27. - Remove the barrel guide sleeve, P. 27 - 28. - Strip the cover with the feed mechanism, P. 29 - 30. - Remove the backplate ("rear cover") from the stock, P. 31. - Strip the bolt, P. 32 - 34. For assembling the weapon reverse stripping procedure, P. 34 - 46.	Strip and assemble the weapon without tools. Never use force! Don't let the bolt snap forward when you have removed the barrel.	

Kenn-Nr.:

8. Zeitbedarf in Minuten	9. Ablauf Conduct	10. Ausbildungsstoff in Abschnitten (möglichst in Stichworten) Subject of the Training in Paragraphs (in keywords, if possible)	11. Ausbildungsteilziel Subobjective	12. Ausbildungsmittel Hilfspers. Training Aids/Personnel
Time required in minutes		Action during the backward movement: The powder gas drives the bullet out of the barrel and - push the barrel and the bolt back while both are locked - The bolt is released - The recuperator pushes the barrel back forward - The extracted cartridge case is ejected downwards by the ejector rod and the ejector - The bolt slides back, cocks the recoil spring and moves the transport lever with the roller pin. With the help of the feeding pawls the cartridge is fully moved into the path of the bolt by the transport lever.	The powder gases drive the bullet out of the barrel and make the barrel and the bolt move backwards. During this action the cartridge case is ejected, the recoil spring is cocked, and a new cartridge is fed.	
	3rd Intermediate Objective	Types of Ammunition and their Designation - Dummy cartridge, 7.62 mm x 51 - Blank cartridge, 7.62 mm x 51 - Training/practice cartridge, 7.62 mm x 51 - Live (Ball) cartridge, 7.62 mm x 51 - Tracer cartridge 7.62 mm x 51 Danger Areas Blank cartridge 10 meters Training/Practice cartridge 300 m Live cartridge 3,750 meters	The training/practice ammunition must be treated as live ammunition. Its bullet can cause serious injuries or kill persons within the danger area.	
	4th Intermediate Objective END	Blank Firing Attachment/ MG Attachment for Training/Practice Ammunition Blank firing attachment You must use the blank firing attachment for firing blank ammunition. The BFA is screwed to the receiver instead of the recoil booster. MG Attachment for training/practice ammunition 7.62 mm x 51 - makes it possible to fire training/practice cartridges - you can fire bursts when the MG device for training/practice ammunition is built in. The MG device for training/practice ammunition consists of - the training/practice bolt head (put it on the bolt instead of the usual bolt head for live ammunition) - the training/practice recoil booster (is exchanged for the recoil booster).	You must only fire training/practice ammunition with the training/practice attachment!	- is necessary to ensure the proper action of the MG in spite of the small powder charge - Remove the firing pin and the firing pin holder from the bolt head and insert it into the training/practice bolt head.

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TRAINING GUIDELINES

Beispiel für Handzettel

Sheet 1

Kenn - Nr. ID No.				Stand
09	04	00	03	

1. Ausbildungsthema Training Subject:

Handling the MG:
- Putting it down and picking it up
- Laying down and standing up
- Loading (Make safe), Charging, Unloading, Reporting
- Changing the barrel and the bolt
- Changing the position of the bipod.

2. Ausbildungsziel Training Objective

The soldier should be able to load and unload the weapon independently as well as change the barrel, bolt and the position of the bipod.

3. Ausbildungsform Training Method

Unterricht Lessons

4. Ausbildungsverfahren Training Procedure

Practice

5. Ausbildungsort Location

Barracks compound or garrison tng area

6. Dienstvorschriften, Anweisungen Manuals, Directives

Technical Manual, P. 15 - 19

7. Ausbildungsmittel Training materials

8. Zeitbedarf in Minuten Time Required in Minutes	9. Ablauf Conduct	10. Ausbildungsstoff in Abschnitten (möglichst in Stichworten) Training Subject in paras (if possible in keywords)	11. Ausbildungsteilziel Tng subobjective	12. Ausbildungsmittel Hilfspers. Training aids/personnel
60	INTRODUCTION:	Apart from putting down and picking up the MG and laying down and standing up with the MG you are supposed to learn the actions connected with loading the machine gun.		
	MAIN PART:	Handling the MG, Carrying the MG		
	1st Intermediate Objective:	Putting down and picking up the MG, Carrying the MG, Laying down and standing up with the MG		
		Putting down and Picking up the MG "Put down the weapons!" - Take the MG from your shoulder - Set it vertically on the shoulder stock - Fold out the bipod - Lower the machine gun forward on to the bipod		- Don't let the shoulder stock crash to the ground.
		"Pick up the weapons!" - Place the machine gun upright on the shoulder stock - Fold in the bipod - Hang the machine gun over your shoulder with the sling (just like a rifle).		
		Carrying the MG in close-order formations - Hang it on your shoulder with the sling in front - Carry it like a rifle when marching at ease. - Hang it on your right shoulder with the sling on your back - or carry it on your shoulder with the butt stock pointing forward.	You must not carry the MG on your shoulder with the muzzle forward.	- Point the muzzle upwards at an angle.

Kenn-Nr.:

Zeitbedarf in Minuten Time Required in Minutes	9. Ablauf Conduct	10. Ausbildungsstoff in Abschnitten (möglichst in Stichworten) Training Subject in paras (if possible in keywords)	11. Ausbildungsteilziel Subobjective	12. Ausbildungsmittel Hilfspers. Training Aids/Personnel
	2nd Intermediate Objective/END :	Maintenance and Cleaning also under Combat Conditions		
		General rules, cleaning materials Clean the weapon after use and at certain intervals. Don't clean it as often as possible, but properly when necessary.		- same as for rifle - depending on storage and climatic effects
		Only use the cleaning kit 34 and the corrosion preventing oil. (CP oil)	Only use the CP oil for cleaning and lubricating.	- You must not use any hard cleaning materials (sand-paper, ashes, etc.).
		Routine/Main Cleaning Routine Cleaning - after every use - strip the weapon as required for cleaning.	Make a routine cleaning after every time you use the weapon.	- same as for rifle - cleaning kit, cleaning material.
		Main Cleaning - after firing or exposure to dampness - oil the barrel immediately after firing, then clean it with the bore cleaning brush and flannelettes, finally oil it with the bore oil brush. - repeat daily for three days after the firing	Clean the weapon thoroughly after firing or exposure to dampness. The barrel is clean when a flannelette remains clean after it has been pulled through several times.	- Immediately report any fouling you cannot remove.
		Actions before and after firing Before firing (This also applies to blank firing) - Remove the oil from the barrel and the spare barrel - Don't use a damaged chain pullthrough - Any flannelettes or chain sections which got stuck in the barrel may only be removed by the Weapons Storage Sergeant.	Remove the oil before firing with a clean flannelette.	- pull through starting from the chamber
		After Firing Saturate the bore cleaning brush with CP oil and pull it through the barrel.	Oil the barrel with the bore cleaning brush immediately after firing.	- The fouling will be dis-solved by the time you can do the main cleaning.
		Actions in extreme cold - Leave weapons and ammunition outside and cover them. - Remove the oil and clean the weapon thoroughly before firing. - The belt links must not be oiled. - Pull back the bolt and push it forward several times, move the feed mechanism - Push the first cartridge in the belt as far forward as possible, but it must still be held by the belt link. - Pull the right hand end of the belt while firing to warm up the weapon. - Oil the warmed up machine gun lightly. - Remove the oil from the moving parts when there is a longer break in the firing.	Remove the oil from the machine gun in extreme cold, There must not be any oil on the belt links. Make sure that the moving parts can be moved.	- to avoid ice layers from condensation - congealed oil affects proper functioning. - Check if the bolt can be moved during breaks in the firing.

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Zeitbedarf in Minuten me Required Minutes	9. Ablauf Conduct	10. Ausbildungsstoff in Abschnitten (möglichst in Stichworten) Training subject in paras (if possible in keywords)	11. Ausbildungsteilziel Training Subobjective	12. Ausbildungsmittel Hilfspers. Training Aids/Personnel
		Carrying the machine gun in open-order formations During the advance to contact - Part the sling, pull the parts up on both sides of the receiver and carry the MG horizontally in one hand. When enemy contact is expected - Remove the sling from the pistol grip - Put the parted sling around your neck - Hold the pistol grip with your right hand - Press the shoulder stock against your hip with your right lower arm - Hold the receiver tightly from above at the shafts of the bipod.	When moving in open formation you can carry your weapon as you like.	- the MG is loaded (made safe), lay the belt on the receiver and fold out the bipod. - If you grab the receiver itself you must stretch your arm.
		Laying down and standing up Laying down with the machine gun when the bipod is folded out - Put the MG down on the bipod - Lay down quickly beside the weapon Standing up - Raise yourself forward on one knee - hold the parted sling - Stand up. When the bipod is not folded out you lay down and stand up with a MG as you would with a rifle.		- Don't lean on the weapon.
	2nd Intermediate Objective:	Loading (MAKE SAFE), Charging, Unloading, Reporting "Load the MG with blank cartridges!" - Push the guide link into the feed mechanism and pull it vigorously to the right. - Fold out the sights - Report: "MG loaded (made safe)!" Now the safety catch cannot be applied.	For loading (making safe) with the guide link (lead-in piece) pull belt vigorously.	- Only one man is required to load the MG

Kenn-Nr:

8. Zeitbedarf in Minuten Time Required in Minutes	9. Ablauf Conduct	10. Ausbildungsstoff in Abschnitten (möglichst in Stichworten) Training Subject in paras (if possible in keywords)	11. Ausbildungsteilziel Training Subobjective	12. Ausbildungsmittel hilfspers. Training Aids/Personnel
		"Charge the MG with blank cartridges!" - Pull the bolt vigorously back to its rearmost position with the cocking slide until it is held by the sear - Push the cocking slide forward - Apply the safety catch - Report: "MG charged and safety on!"		- The cocking slide must engage audibly.
		"Fire!" - Put the safety off - Take aim - Squeeze the trigger.		
		"Unload the machine gun!" - Pull the bolt back to its rearmost position and push the cocking slide forward again - apply the safety catch - open the cover with your left hand and remove the belt with your right hand - lift the feed tray with your right hand and check if the chamber and the track of the bolt are clear - put down the feed tray and close the cover - open the barrel change flap and check if the barrel is clear. - close the barrel change flap - pull the cocking slide back and hold it in its rearmost position - put the safety off with your left hand and squeeze the trigger with the weapon roughly pointed at the target - leave your right hand at the cocking slide, let the bolt slide slowly forward to its locking position and fold in the cocking handle. - fold down the sights - close the dust cover - report: "MG unloaded, chamber clear, uncocked (springs eased)!"		
	3rd Intermediate Objective:	Changing the bolt and the barrel The machine gun is unloaded and uncocked. Task: "You have fired 150 rounds in quick succession, the barrel is hot!"	Change the barrel behind cover.	

8. Zeitbedarf in Minuten Time Required in Minutes	9. Ablauf Conduct	10. Ausbildungsstoff in Abschnitten (möglichst in Stichworten) Training Subject in paras (if possible in keywords)	11. Ausbildungsteilziel Training Subobjective	12. Ausbildungsmittel Hilfspers. Training Aids/Personnel
		Expected action: - Pull the bolt back to its rearmost position with the cocking slide, push the cocking slide forward and apply the safety catch - Put the asbestos rug on your right hand - Push the barrel change flap open with the palm of your right hand and hold the lock of the flap while tilting the MG to the right - Remove the barrel and put it into the spare barrel container		-Before starting, place the spare barrel handy in its open container -Check if the spare barrel is clean - The chamber must be clear, check it! -if there is a cartridge in the barrel, try to fire it -if it does not go off wait till the barrel has cooled down
		- Take the new barrel and put it in - Close the barrel change flap with your right hand - Report: "Barrel changed!"	Don't lay hot barrels into the snow!	- Only use hot barrels after they have cooled down.
		Task: "You have already pulled out two cartridges which have not been ignited. It seems there is something wrong with the bolt." The MG is charged.		
		Expected action: - Unload the MG, put the bolt forward, open the cover - hold the MG with your left hand at the pistol grip - hold the shoulder stock with your right hand, press the backplate lock and turn the shoulder stock with the backplate to the left by 90 degrees.	The recoil spring must be eased before you can remove the shoulder stock. (bolt in front).	-Make sure that the barrel is in the weapon when you are changing the bolt. -Tool pouch with contents
		- remove the shoulder stock with the backplate slowly from the receiver		-Hold the shoulder stock and the recoil spring between your legs
		- place your left hand below the end of the receiver so that you can catch the bolt - jerk the cocking slide backwards with your right hand and push it forward again while you catch the bolt with your left hand.		

Kenn-Nr:

8. Zeitbedarf in Minuten Time Required in Minutes	9. Ablauf Conduct	10. Ausbildungsstoff in Abschnitten (möglichst in Stichworten) Training Subject in paras (if possible in keywords)	11. Ausbildungsteilziel Training Subobjective	12. Ausbildungsmittel Hilfspers. Training Aids/Personnel
		- Hand the bolt over to the assistant machine gunner so that he can check and clean it - take the spare bolt from the tool pouch - hold the bolt with your left hand at the tip and with your right hand at its rear so that the roller pin points upwards, press in the locking rollers with your left hand and insert the bolt halfway into the receiver - raise the MG with your left hand at the pistol grip, pull the trigger and push the bolt forward with your right hand - take the shoulder stock and the recoil spring with your right hand - insert the recoil spring with your left hand while holding the receiver - tilt the shoulder stock to the left by 90 degrees, push the shoulder stock with the backplate and the recoil spring into the receiver, and turn it to the right until the backplate engages - charge the MG - report: " Bolt changed, MG charged and safety on!"	The roller pin of the bolt must point upwards.	
	4th Intermediate Objective/END:	Changing the position of the bipod When firing at short ranges it may be advantageous to fire with the bipod attached to the center of the weapon. As fighting at short ranges is only done in exceptional cases (e.g. in city fighting), the position of the bipod should be changed in time. Unload the weapon before you do it. It is forbidden to change it during an attack when the enemy is advancing.		
		Action: - When you are standing or kneeling in your fighting position put the MG down with the shoulder stock on the floor - hold the receiver with your left hand and press the saddle support catch with your index - take the bipod with your right hand, push it downward and take it off. - for attaching it reverse this procedure.	The muzzle is pointed upwards to the left at an angle in the direction of the enemy.	

Kenn-Nr:

TRAINING GUIDELINES

Beispiel für Handzettel

Sheet 1

Kenn - NrID No.				Stand
09	04	00	04	

1. Ausbildungsthema Subject of the Training:
- Types — Troubleshooting
- Causes — Use of the combination tool

2. Ausbildungsziel Training Objective:
The soldier should be able to recognize malfunctions independently and eliminate them with the tools at his disposal.

3. Ausbildungsform Training Method
Unterricht Lessons

4. Ausbildungsverfahren Training Procedure
Practice

5. Ausbildungsort Location
Barracks compound or garrison training area

6. Dienstvorschriften, Anweisungen Manuals, Directives
Technical Manual, P. 47 - 55

7. Ausbildungsmittel Training material

8. Zeitbedarf in Minuten Time Requirement in Minutes	9. Ablauf Conduct	10. Ausbildungsstoff in Abschnitten (möglichst in Stichworten) Training Subject in paras (if possible in keywords)	11. Ausbildungsteilziel Training Subobjective	12. Ausbildungsmittel Hilfspers. Training Aids/Personnel
60	INTRODUCTION:	It is essential for survival in combat to locate malfunctions quickly and eliminate them. Therefore it is necessary that you know the weapon thoroughly.		
	MAIN PART/END:	Malfunctions and Troubleshooting Malfunctions when firing: - release the trigger - pull back the bolt with the cocking slide and then push the cocking slide forward again.	In case of a malfunction cock the machine gun first and keep on firing. (Immediate Action).	
		Actions after another malfunction: - apply the safety catch and open the cover - lift the feed tray and check if the chamber and the track of the bolt are clear.		- The bolt must be in its rearmost position.
		If there is a cartridge in the barrel: - close the cover without the belt - aim the weapon roughly at the target - put the safety off - squeeze the trigger - if the shot does not go off	you must wait for five minutes if the barrel is hot (with the bolt in its foremost position).	
	The instructor gives tasks in accordance with P. 51 - 55. The soldiers practice in pairs and exchange their jobs on the weapon.	One soldier reports the possible cause for the malfunction after the task has been given; the second soldier, the machinegunner, performs all the actions required for eliminating the malfunction.		

Kenn-Nr.

TRAINING GUIDELINES

Beispiel für Handzettel

Sheet 1

Kenn - Nr. ID No.				Stand	
09	04	00	05		

1. Ausbildungsthema Training Subject:

Firing positions and aiming practice, also while wearing the NBC protective mask
- prone position, kneeling position behind cover
- standing position inside a foxhole

2. Ausbildungsziel Training Objective:

The soldier should be familiar with the various firing positions and the MG firing rhythm so that he can engage ground and airborne targets.

3. Ausbildungsform Training Method

Unterricht Lessons

4. Ausbildungsverfahren Training Procedure

5. Ausbildungsort Location

6 Dienstvorschriften, Anweisungen Manuals, Directives

Technical Manuals, P. 17 - 19

7. Ausbildungsmittel Training Material

8. Zeitbedarf in Minuten	9. Ablauf Conduct	10. Ausbildungsstoff in Abschnitten (möglichst in Stichworten) Training Subject in paras (if possible in keywords)	11. Ausbildungsteilziel Training Subobjective	12. Ausbildungsmittel Hilfspers. Training Aids/Personnel
Time Requirement in Minutes 60	INTRODUCTION: MAIN PART: 1st Intermediate Objective: Practice the firing positions independently before you connect them with dry fire exercises.	Here you are supposed to do dry firing in the prone, kneeling and standing (in a foxhole) positions. Firing Positions and Dry Firing, also while wearing an NBC Protective Mask Usually the bipod is attached to the front when firing from these positions, but if you are supposed to cover a wide angle attach it to the center. Prone Position When firing from the prone position you lie behind your machine gun so that an imaginary line drawn through the center of your body would coincide with the line of sight. - push the machine gun forward with your right hand holding the pistol grip until the bipod, which is tilted in the direction of fire, is arrested by the saddle support joint - push your body forward far enough so that your left hand can support the MG at the shoulder stock, and so that your right hand can press the MG against your shoulder - make sure that your elbows have got a good rest - press your legs against the ground and rest your feet against some firm support. Kneeling Position behind Cover - support your left elbow on your left thigh - if you cannot use the bipod, rest the front part of the receiver on some soft support.	Never bend your hips when firing from the prone position. Press your shoulder against the shoulder stock with your whole body. Find yourself some firm support for your feet. When firing from the kneeling position you can also put the weapon on the shoulder of another soldier.	

Kenn-Nr.

Zeitbedarf in Minuten ime requirement in Minutes	9. Ablauf Conduct	10. Ausbildungsstoff in Abschnitten (möglichst in Stichworten) Training Subject in paras (if possible in keywords)	11. Ausbildungsteilziel Subobjective	12. Ausbildungsmittel Hilfspers. Training Aids/Personnel
		Standing Position in a Foxhole (Fighting Position) - press your body against the cover - make sure your feet are in a firm position - your elbows must rest properly on the ground - bring your shoulders to the right height for the firing position by spreading your legs - support the weapon with your left hand at the shoulder stock - press the MG against your shoulder with your right hand.		
	Two soldiers practice together	Dry Firing One soldier designates a target, the machine gunner names a reference point, assumes the firing position and aims. - adjust the sights for the range - improve your firing position - go back to cover immediately after "firing" - designate the next target - the machine gunner must first identify the target, set the sights and have the MG ready for firing - before assuming the firing position.	Fire short bursts of not more than three rounds.	
		Some Remarks for the Training - You only fire short bursts of 3 to 5 rounds when firing from the bipod. It is important to keep the other rounds of the burst around the first wellaimed shot. You must take your aim again before each burst. The time till the next burst may only be as long as you require for taking your aim again. When you fire the MG from the bipod you only engage one point target at a time. If there is a wide target or several targets located close together, you place one burst beside the other. - You can also engage airborne targets at ranges up to 600 meters with your machine gun on a bipod. Here it is important that you fire several bursts in quick succession while leading the target properly. - The machine gun on bipod is operated by one soldier. Another soldier is required for carrying ammunition and equipment who can also help the gunner when bringing the MG into position. - As the trigger pull is hard, it is important that the machine gunner practices squeezing the trigger to ensure rapid fire on the one hand and short burst on the other. The gunner must quickly reach the pull-off point and release the trigger immediately after getting beyond the pull-off. He relaxes his index only far enough to interrupt the fire. He always holds the trigger at the pull-off with his index! This must be practiced with blank ammunition without any regard to tactical considerations. Bursts of not more than three rounds and 16 rounds fired in four to five bursts are considered excellent.		

Kenn-Nr:

TRAINING GUIDELINES

Beispiel für Handzettel

Sheet 1

Kenn - Nr. ID No.				Stand
09	04	00	06	

1. Ausbildungsthema Training Subject:
Firing the Practice Firing Exercise MG-S-1

2. Ausbildungsziel Training Objective:
The soldier should come up to the required standard.

3. Ausbildungsform Training Method
Unterricht Lessons

4. Ausbildungsverfahren Training Procedure

5. Ausbildungsort Location

6. Dienstvorschriften, Anweisungen Manuals, Directives

7. Ausbildungsmittel Training Materials

8. Zeitbedarf in Minuten	9. Ablauf Conduct	10. Ausbildungsstoff in Abschnitten (möglichst in Stichworten) Subject of the Training in paras (if possible in keywords)	11. Ausbildungsteilziel Subobjective of the Training	12. Ausbildungsmittel Hilfspers. Training Aids/Personnel
Time Requirement in Minutes 60		Firing the Practice Firing Exercise MG-S-1 Practice firing exercise MG-S-1 - Purpose: To fire single shots with the same point of aim - Condition: The soldier must be fully familiar with the weapon - Position: Prone - Scoring: after the last round has been fired - Range: 25 meters - Sight setting: 4 (for 400 meters) - Target: Number 4 - Position of Target: 0 - Firing line at: 25 meters - Number of rounds: 5 - Firing mode: single shots - Required standard: 4 hits in a circle of 10 centimeters diameter - Time limits: none - Type of range: D Two firers can shoot simultaneously.		

Kenn-Nr.: